



# United States Department of the Interior

## FISH AND WILDLIFE SERVICE

Hagerman National Fish Hatchery  
3059 D National Fish Hatchery Road  
Hagerman, Idaho 83332



### MEMORANDUM

October 26, 2012

TO: ARD-Fisheries  
Attn: Rich Johnson, Field Supervisor

FROM: Bob Turik, Acting Project Leader, Hagerman NFH

SUBJECT: September, 2012 Activity Report

### PRODUCTION

#### Steelhead Brood Year 2012

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb.)	Length (inches)
137	Sawtooth	1,189,765	30,042	39.6	4.09
138	East Fork Hatchery	156,520	2,928	53.5	3.70

The Pacific States Marine Fisheries Commission marking crew returned to the Hatchery to finish adipose fin clipping and coded wire tagging the remaining fish the Hatchery had in the indoor rearing buildings. All steelhead are now marked and in the outdoor rearing raceways. Overall, marking went very smooth this year. Hatchery inventory numbers have been adjusted to reflect those of the marking trailer.

Corie Samson, Idaho Fish Health Center, was at the Hatchery on September 12<sup>th</sup> to perform monthly fish health inspections.

#### Rainbow Trout

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb.)	Length (inches)
136	Hayspur	42,568	18,713	2.3	9.78

The rainbow trout continue to do well with overall survival at 94%. The rainbow trout are scheduled to be released into Lake Walcott in the second week of October.

## OPERATIONS

Robyn Thorson dropped by the Hatchery on Sept. 5<sup>th</sup>. She arrived for an informal visit and while she was here, briefed the crew on the Surrogate Species concept and other regional activities.

Due to the increased need for water to the steelhead, the blue pumps were started that supply water to the WMA from the steelhead raceways. The blue pumps provide 8 c.f.s. of water from the steelhead raceways, after use, to the WMA for irrigation purposes. Prior to turning on the pumps the hatchery provides spring water via gravity feed from Main Spring which prevents its use for rearing.



**Mainspring Degas Pipe-Tee and Valves:** In preparation for the installation of our 12 tower vacuum degas system, one of our main 36" water supply lines was cut and a "T" and valve were inserted. This will now divert almost 30 c.f.s. of water through our new degas system. The major construction on the tower system and water collection chamber will start in November.

**Steelhead Raceway Oxygen Injection:** During the installation of the "T" on the Main Spring water line, another valve was installed onto the supply line for Hatch 2 from Spring 13. This valve will direct about 430 g.p.m. to an Oxygen injection system that will be installed on our Steelhead raceways. This will inject water supersaturated with oxygen (when Hatch 2 is not in use) directly into the top of the middle and bottom decks. No more 4 ppm oxygen levels! This system will be operational by the time we see oxygen levels being depleted in February thru April.



Plans for the Re-Use system continue to develop. At this point we are coordinating with IDFG to determine which fish to use and to develop a mark plan that will allow us to evaluate the performance of the fish reared in the system.

## PERSONNEL/TRAINING/SAFETY

Bob Turik, Acting Project Leader, and Anna Ray, Fisheries Program Assistant, attended the Surrogate Species Webinar: *Shaping our Conservation Future*.

Bob Turik completed several on-line courses from DOI Learn to complete his annual training requirements.

## COORDINATION

Brian Clifford, Motor Vehicle Operator, worked with the Idaho Department of Game – Hagerman Wildlife Management manager to remove a tree from the Oster Lakes fishing pier that fell during our most recent windstorm.

## OUTREACH

At the end of the month we had to bid farewell to our Volunteer Hosts, Terry & Alice Esslinger. They became a part of our Hatchery Family in April and together contributed over 200 days and almost 1,500 hours of service. In a year in which we were short staffed they were there to lend a helping hand and a smiling face to our visitors and staff. They have already secured themselves to return in May, 2013!



September brought a return of our education tours with schools beginning their 2012-2013 year. Bob provided a tour to 20 students and faculty from Stanford University's Bill Lane Center for the American West as part of their college course "People, Land and Water in the Heart of the West". This tour was in cooperation with the University of Idaho and several others including Boise, Middleton, Sun Valley, and Shoshone along with Boy Scout Troop #58. In total for the month we had 250 people sign the guest registry, 6 guests, and 152 scheduled tour participants for a total of 408.

*The Hagerman Car Show – a parade of history!*



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## **MAINTENANCE**

- Quarterly bacteria sampling of domestic water system
- Lubricate WMA/Oster Lake pumps
- Lubricate pump at Water Service Building
- Picked up marking trailer M3 at Niagara Springs Hatchery and moved to Hagerman NFH
- Repaired Grasshopper mower
- Had 2 degas tower flanges replaced at local welding shop
- Adjust Auto shop garage door
- Installed new door lock and deadbolt on Quarters 4
- Installed new parking brake pads on Gator
- Ordered Regenerative Blower for Mainspring and Spring 13 degas systems
- Started pumps for WMA/Oster Lakes
- Diverted Spring 13 water from Brailsford Intake
- Repaired security light above lab door